

In the claims:

1. (Currently amended) Fibre Fiber guide channel for the pneumatic transport of individual fibres fibers, which are combed out of a feed fibre band sliver by an opening cylinder that rotates in an opening cylinder housing, of an open end spinning device, to a spinning rotor running at high speed in a rotor housing that can be subjected to a vacuum, wherein on the input side, the fibre fiber guide channel arranged in a cover element for closing the rotor housing is matched with respect to its width to the mountings of the opening cylinder, the inlet opening and the outlet opening of the fibre fiber guide channel have a slot-like shape and the maximum extension (B) of the inlet opening extends parallel to the rotational axis of the opening cylinder, characterized in that the maximum extension (L) of the outlet opening (26) of the fibre fiber guide channel (11) is rotated about an imaginary center line (28) of the fibre fiber guide channel (11) by $90^\circ \pm 15^\circ$ in relation to the maximum extension (B) of the inlet opening (25), in that the fibre fiber guide channel (11), between the inlet opening (25) and outlet opening (26), has a zone Z, which is substantially cylindrical, in that the cross-section of the fibre fiber guide channel (11) constantly decreases from the inlet opening (25) to the zone Z.
2. (Currently amended) Fibre Fiber guide channel according to claim 1, characterized in that the channel cross-section within the zone Z is at least approximately circular.
3. (Currently amended) Fibre Fiber guide channel according to claim 1 or 2, characterized in that the fibre fiber channel (11) is curved in its last third with its flat portion forming there in the direction of the direction of rotation of the rotor.
4. (Currently amended) Fibre Fiber guide channel according to claim 3, characterized in that the wall region (34) located inwardly in relation to the direction of curvature is more strongly curved than the opposing wall region (35).
5. (Currently amended) Fibre Fiber guide channel according to claim 3 or 4, characterized in that the cross-sectional area is selected over the entire channel length, regardless of the respective cross-sectional shape, to be at least so large than an air throughput, which is sufficiently large for the spinning process, is ensured.

6. (Currently amended) Fibre Fiber guide channel according to ~~any one of~~ claims 1 to 5, characterized characterised in that the fibre fiber guide channel (11) is configured in two parts, and consists of a channel portion (11A), arranged in a connection body (29), with the inlet opening (25) and an outlet opening (32) and a channel portion (11B), arranged in a channel plate adapter (18), with the outlet opening (26) and an inlet opening (31).

7. (Currently amended) Fibre Fiber guide channel according to ~~any one of~~ claims 1 to 6, characterized characterised in that the wall region (37), adjacent to the spinning rotor opening (38) in the region of the outlet opening (26) is arranged such that a fibre fiber free ring (39) of >_ 0.5 mm is produced in the direction of the spinning rotor opening (38) during the spinning process on the fibre fiber slide face (36) of the spinning rotor (3).

8. (Currently amended) Fibre Fiber guide channel according to ~~any one of~~ claims 1 to 7, characterized characterised in that the height (H) of the outlet opening to be at least so large that an air sufficiently large for the spinning (26) of the fibre fiber guide channel (11) is between 1.5 mm and 4.5 mm.